

## Questions

1 What is the function of the starter system?

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2 What component delivers the energy required for the starter motor to start turning?

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3 What are the two tasks assigned to the starter relay?

1 .....

2 .....

4 What two properties of a battery are important in terms of 'start-up behaviour'?

1 .....

2 .....

5 Why should the wires that carry the start-up current not be thin?

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.....  
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### Starter Systems

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*Theory*

6 The current flowing through the starter switch during start-up is:

A The starter current

B The current that controls the starter relay

C Of the same magnitude as the starter current and the relay control current combined

7 A starter relay is used in starter motors to:

A Turn off the starter motor

B Increase the torque of the starter motor

C Facilitate the use of thicker starter cables

D Limit the current flowing through the ignition lock

8 The transmission ratio from the pinion to the starter gear ring is high in order to:

A Achieve high torque

B Achieve a high number of revolutions during start-up

C Achieve high start-up capacity

D Limit the wear and tear of the pinion